

Data Path : U:\HPCHEM1\BNA E\DATA\BE012318\
 Data File : BE095101.D
 Acq On : 23 Jan 2018 17:26
 Operator : SJ/JU
 Sample : J1170-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180115

Quant Time: Jan 24 01:47:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

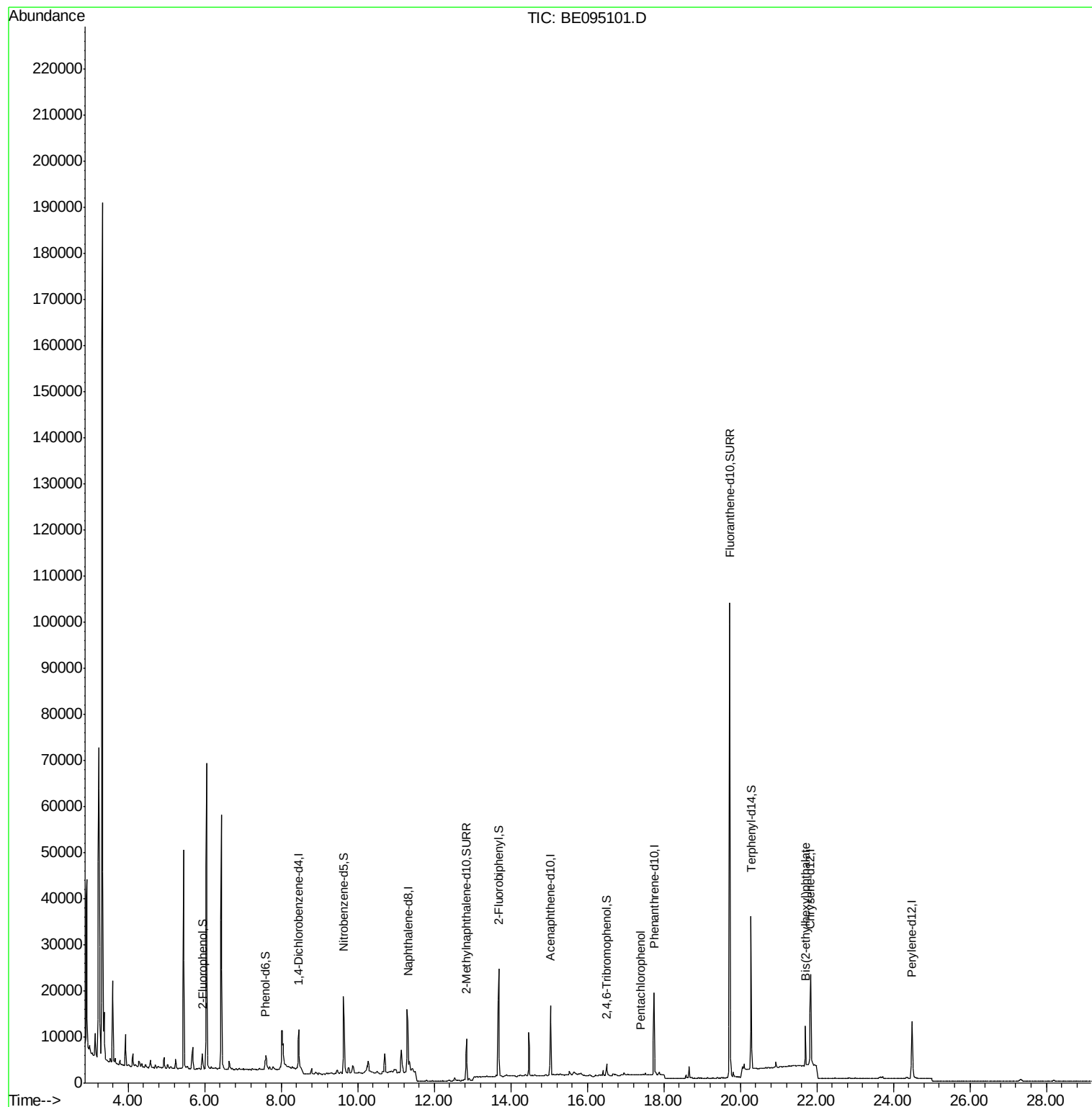
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7305	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	17475	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	10070	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	23298	0.40	ng	0.00
27) Chrysene-d12	21.84	240	22560	0.40	ng	0.00
34) Perylene-d12	24.49	264	19895	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2083	0.18	ng	0.00
5) Phenol-d6	7.58	99	1758	0.10	ng	0.00
8) Nitrobenzene-d5	9.63	82	7143	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	12496	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	1586	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	23178	0.52	ng	0.00
25) Fluoranthene-d10	19.72	212	141092	0.48	ng	0.00
29) Terphenyl-d14	20.28	244	30407	0.66	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.40	266	149	0.086	ng	88
32) Bis(2-ethylhexyl)phthalate	21.70	149	10221	0.104	ng	# 97

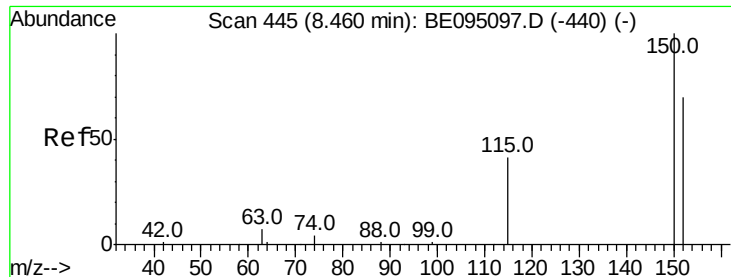
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

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ClientSampleId :

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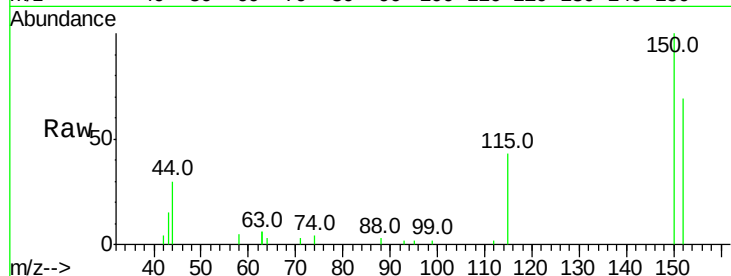
Tot Ion:152 Resp: 7305

Ion Ratio Lower Upper

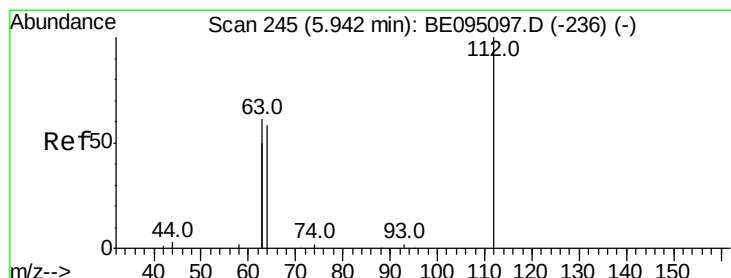
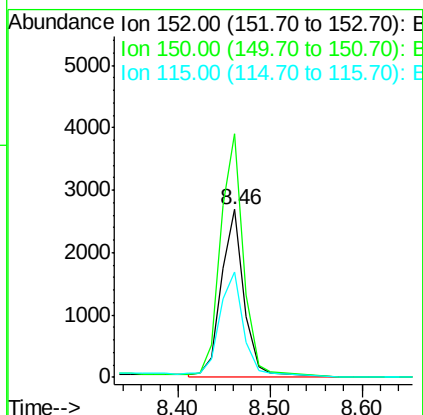
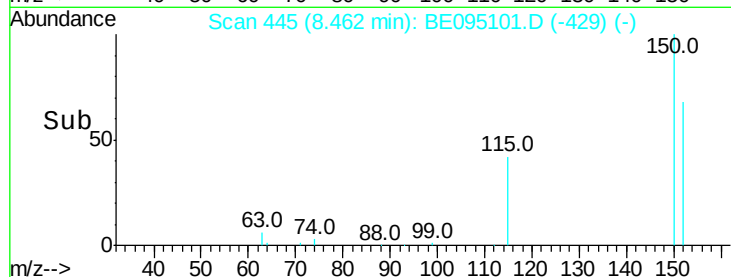
152 100

150 145.3 117.2 175.8

115 62.7 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.94 min Scan# 245

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

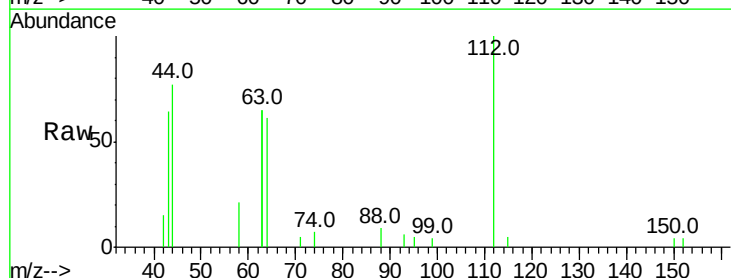
Tgt Ion:112 Resp: 2083

Ion Ratio Lower Upper

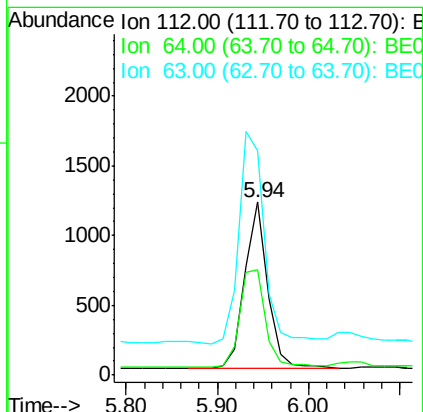
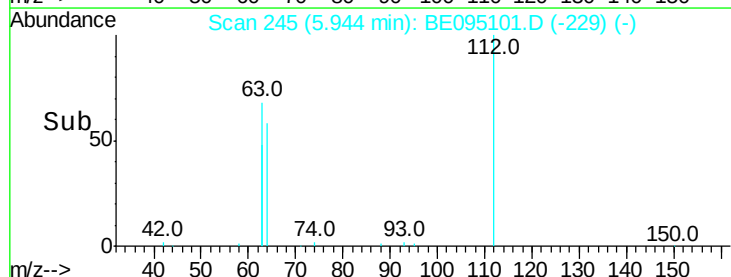
112 100

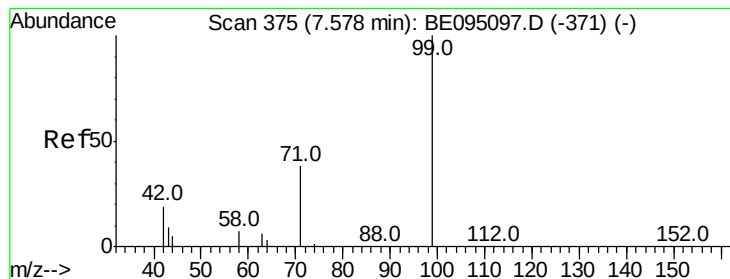
64 66.4 60.1 90.1

63 142.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180115

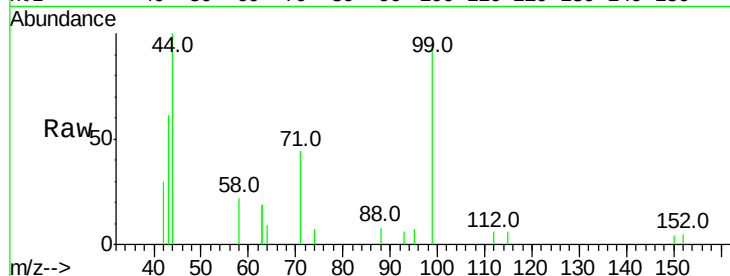
Tot Ion: 99 Resp: 1758

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

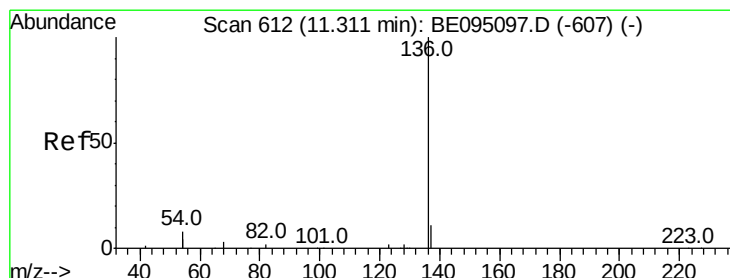
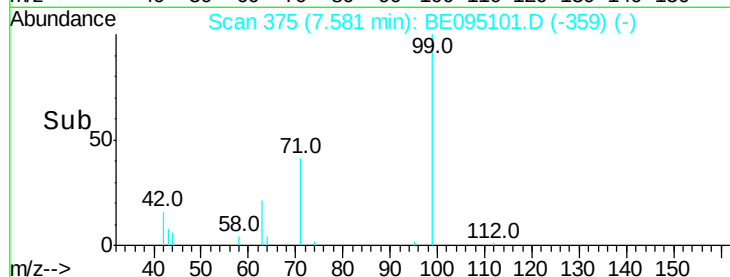
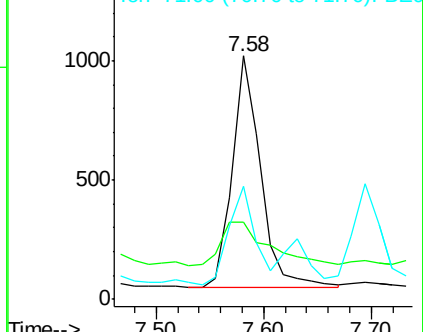
71 40.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Tgt Ion: 136 Resp: 17475

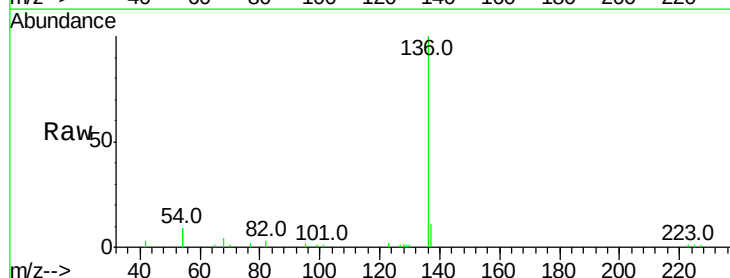
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 17.1 29.1 43.7#

68 4.5 6.2 9.2#

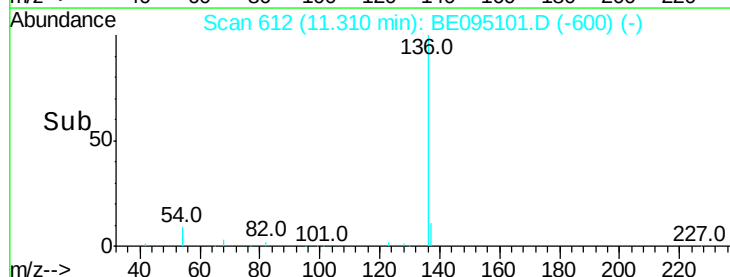
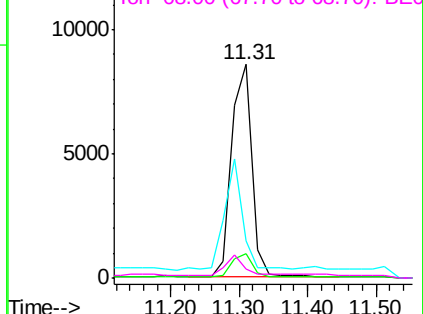


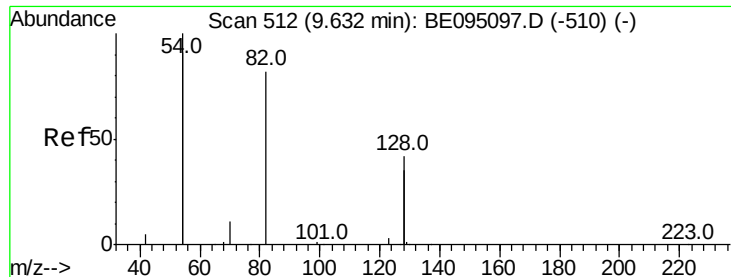
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.449 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180115

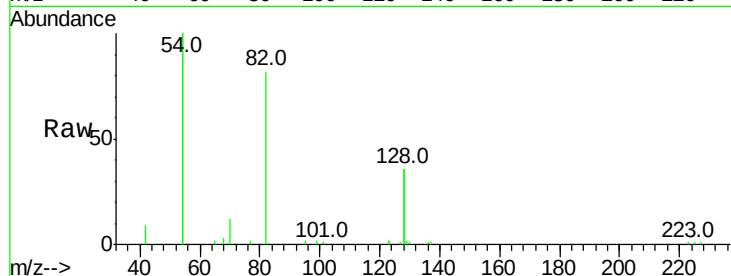
Tot Ion: 82 Resp: 7143

Ion Ratio Lower Upper

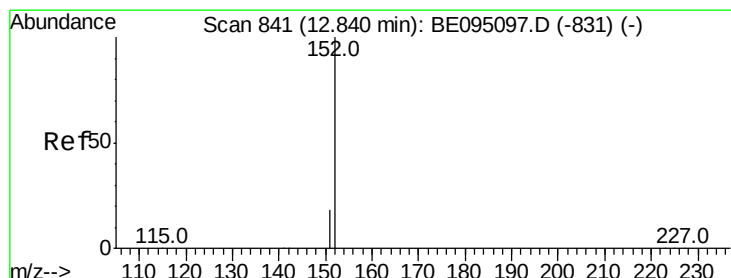
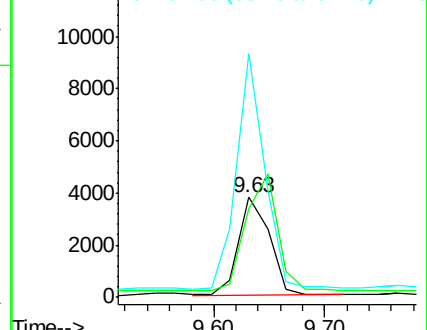
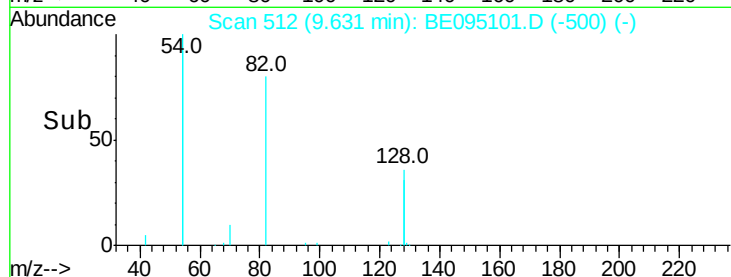
82 100

128 88.1 150.0 225.0#

54 242.9 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095101.D (-500) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.431 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.00 min

Lab File: BE095101.D

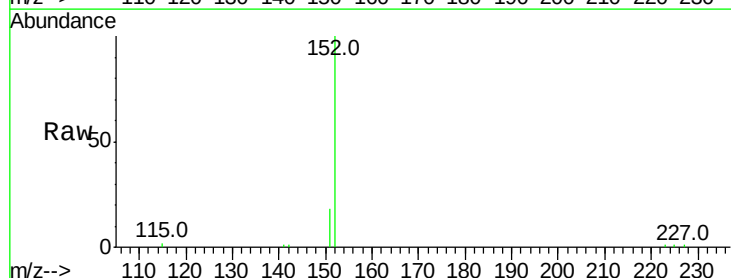
Acq: 23 Jan 2018 17:26

Tgt Ion: 152 Resp: 12496

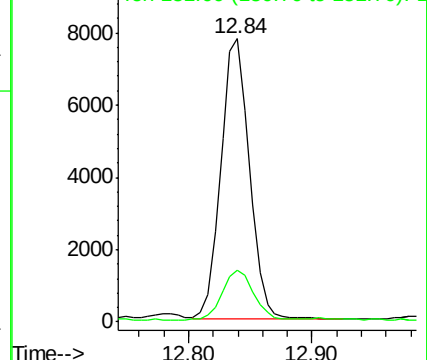
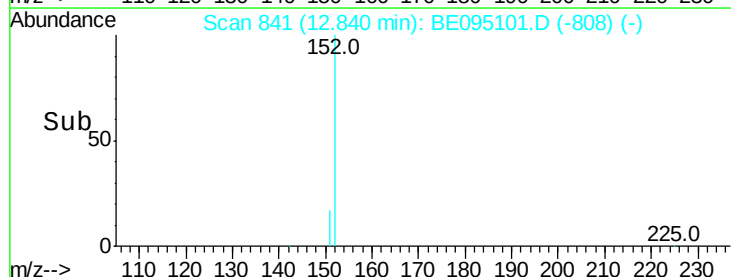
Ion Ratio Lower Upper

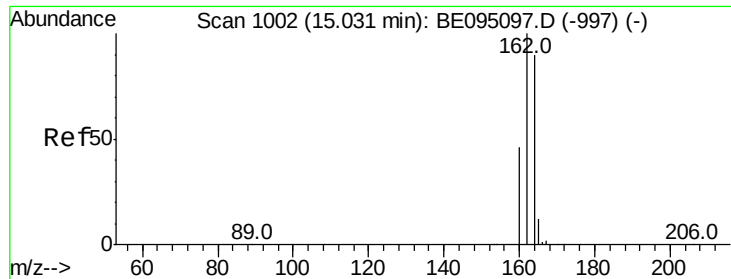
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095101.D (-808) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180115

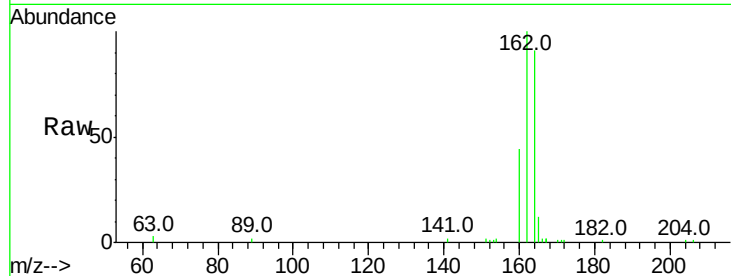
Tot Ion:164 Resp: 10070

Ion Ratio Lower Upper

164 100

162 110.2 83.1 124.7

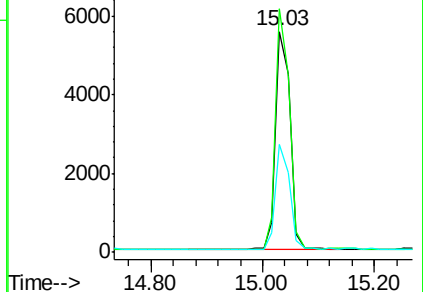
160 48.9 37.1 55.7



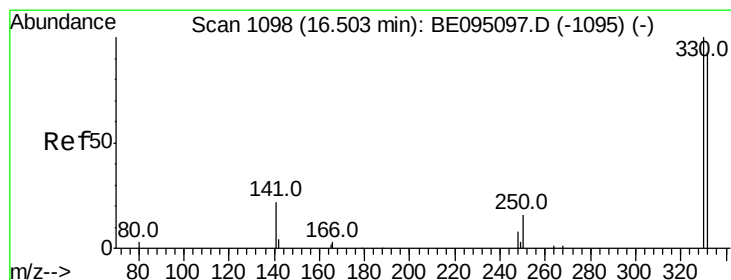
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.560 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

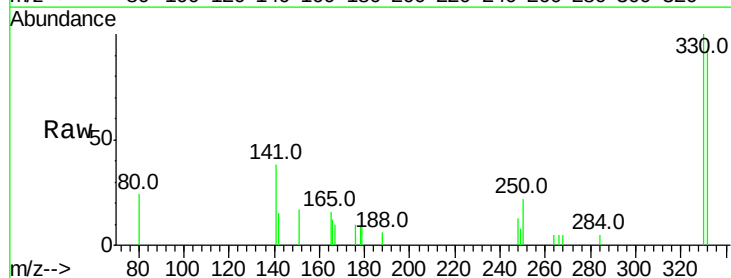
Tgt Ion:330 Resp: 1586

Ion Ratio Lower Upper

330 100

332 93.2 152.7 229.1#

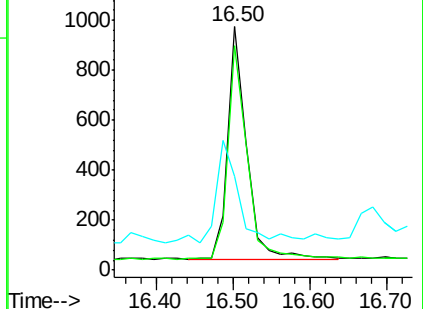
141 49.3 33.7 50.5



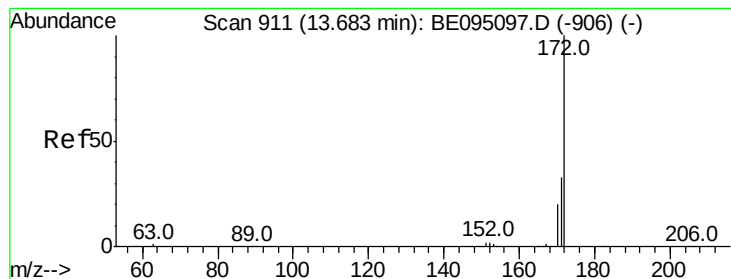
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



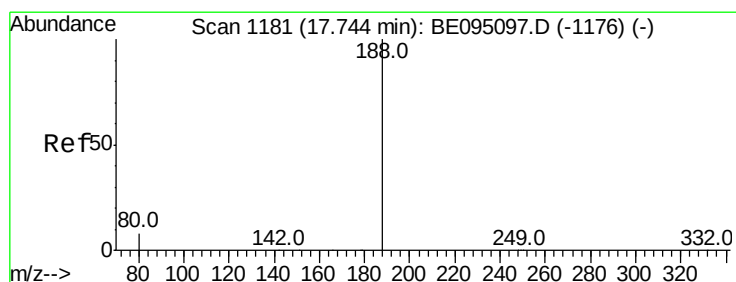
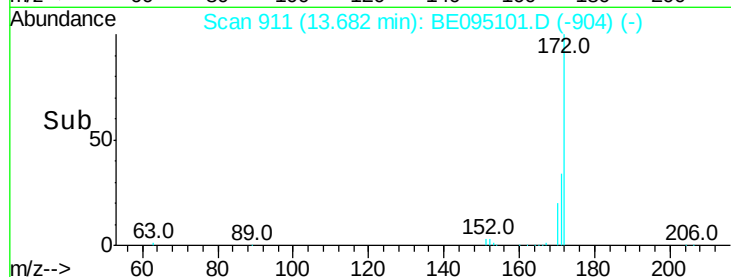
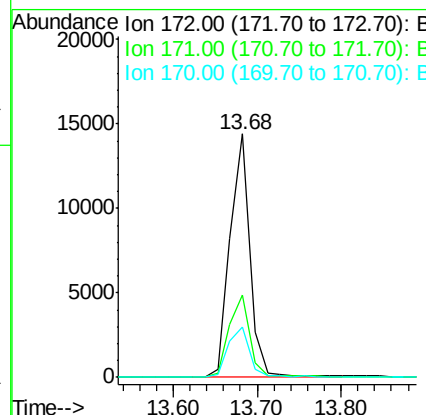
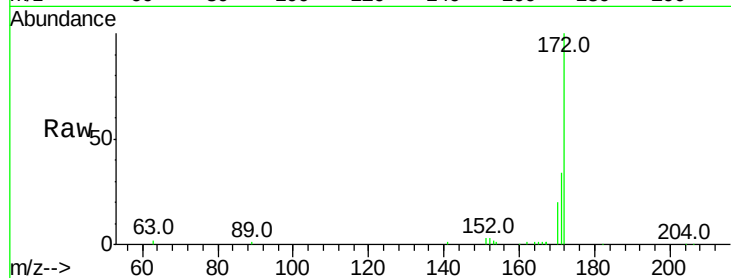
Time-->



#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

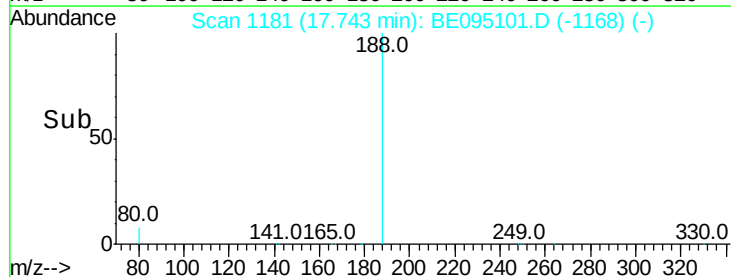
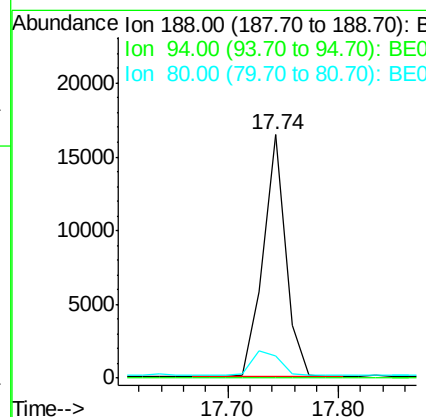
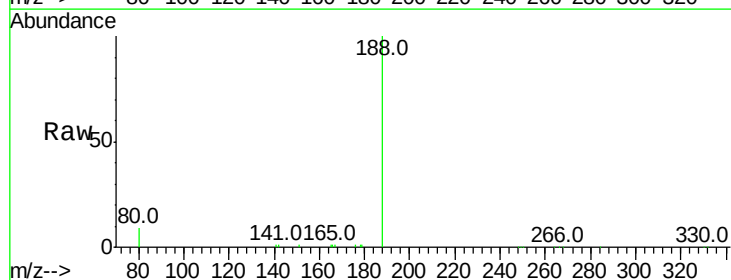
Instrument :
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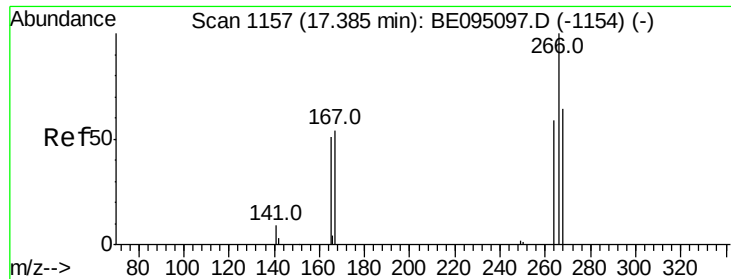
Tot Ion:172 Resp: 23178
Ion Ratio Lower Upper
172 100
171 33.9 29.9 44.9
170 20.5 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:188 Resp: 23298
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.0 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.086 ng

RT: 17.40 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180115

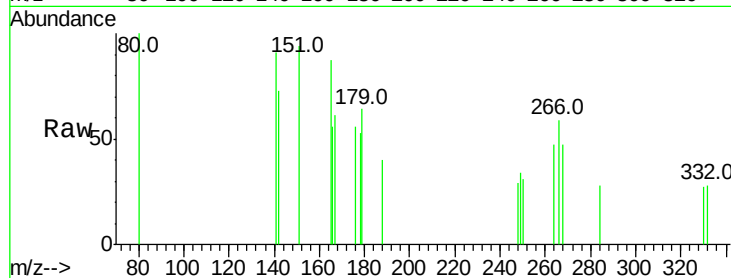
Tot Ion:266 Resp: 149

Ion Ratio Lower Upper

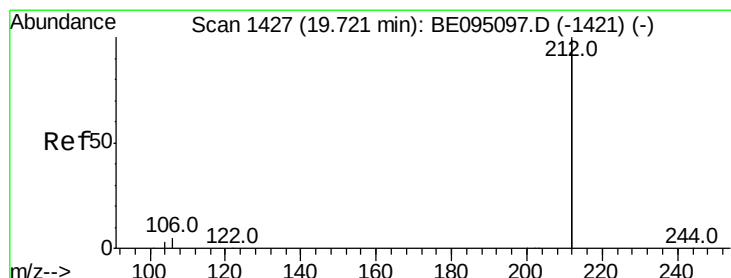
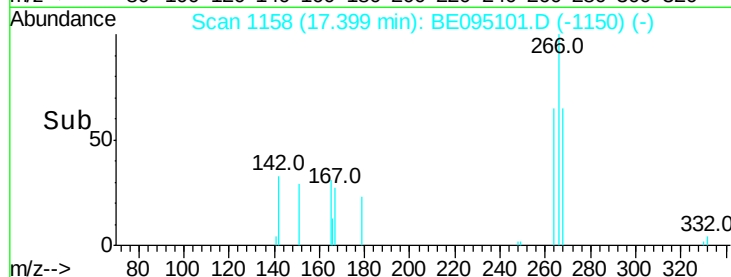
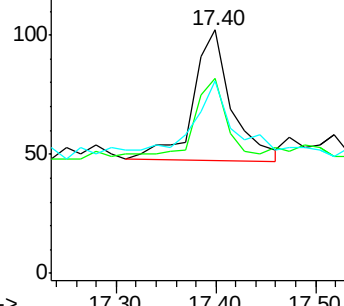
266 100

264 80.4 72.5 108.7

268 79.4 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.481 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

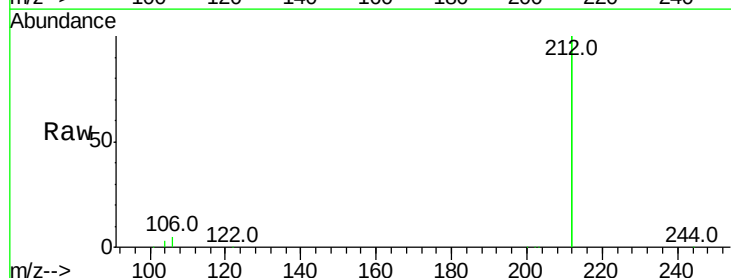
Tgt Ion:212 Resp: 141092

Ion Ratio Lower Upper

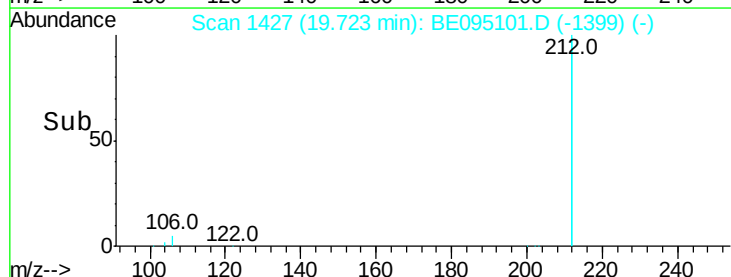
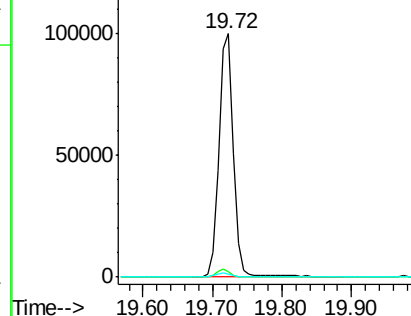
212 100

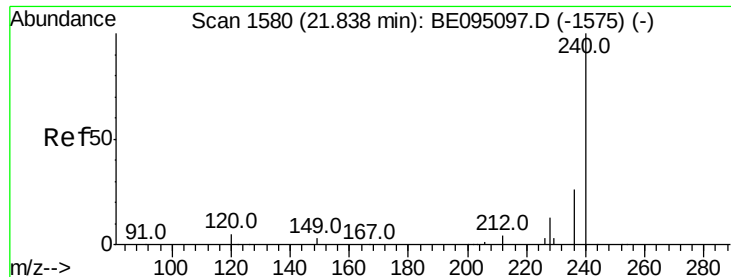
106 3.1 2.8 4.2

104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

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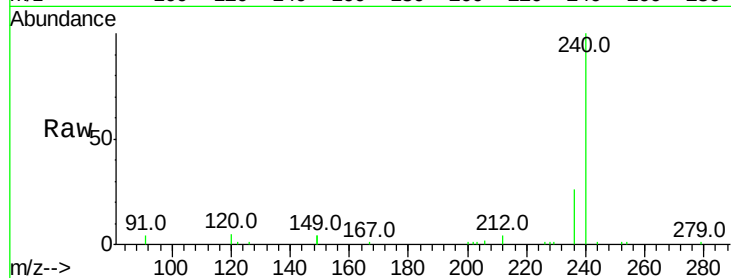
Tot Ion:240 Resp: 22560

Ion Ratio Lower Upper

240 100

120 5.2 5.5 8.3#

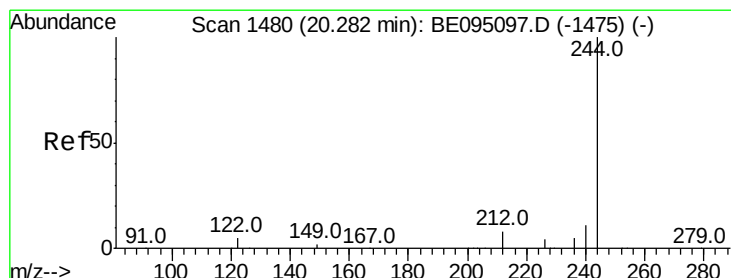
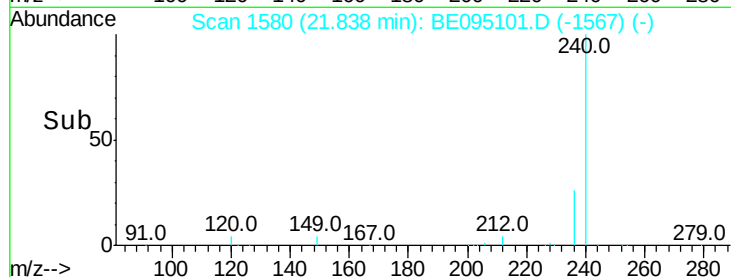
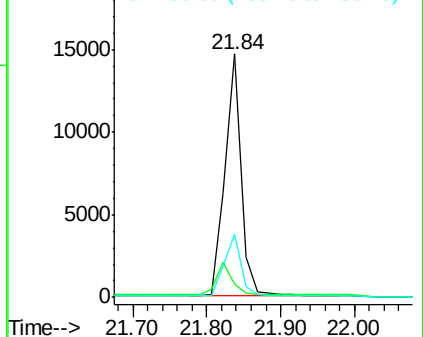
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.658 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

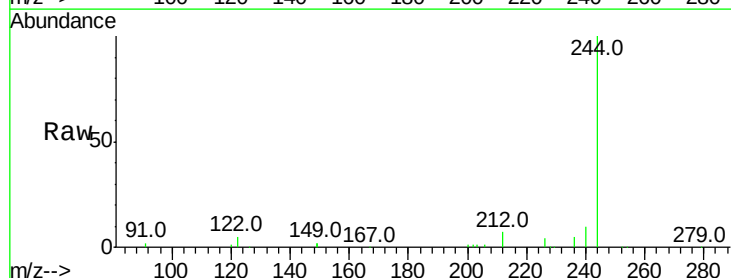
Tgt Ion:244 Resp: 30407

Ion Ratio Lower Upper

244 100

212 7.2 25.4 38.0#

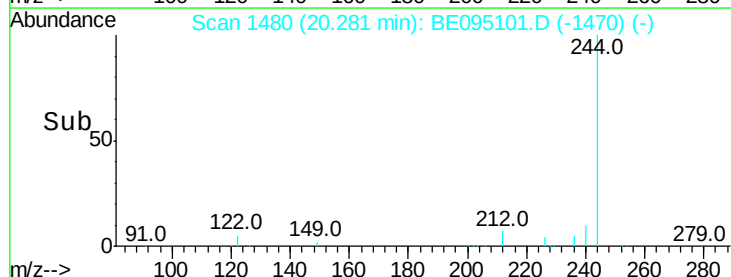
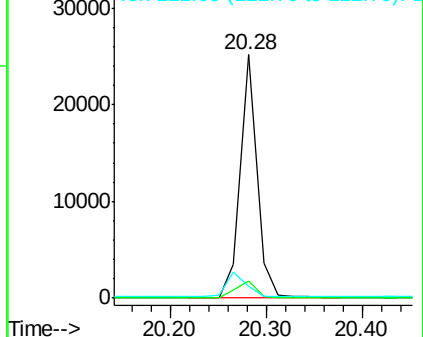
122 5.2 8.1 12.1#

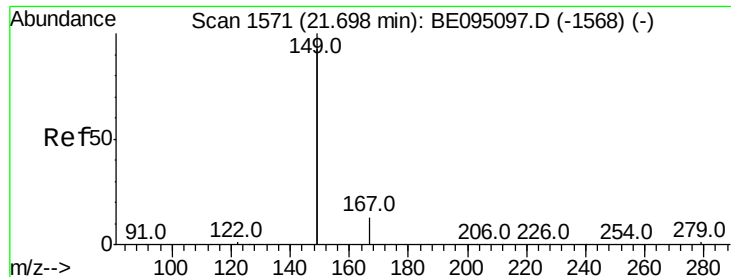


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

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KY038PS027-180115

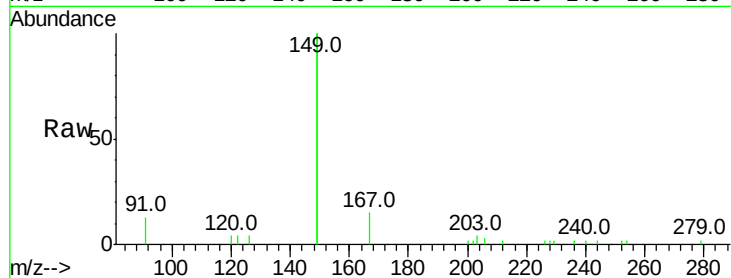
Tot Ion:149 Resp: 10221

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

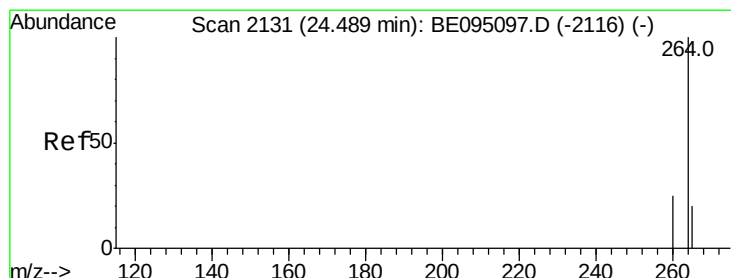
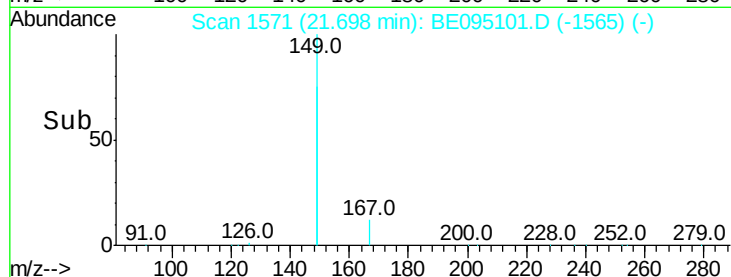
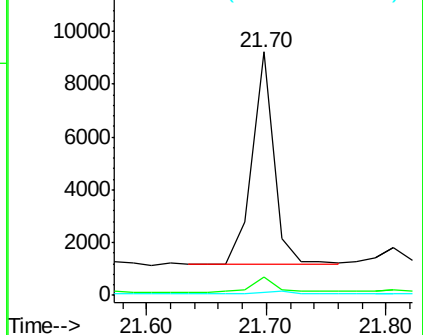
279 1.1 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

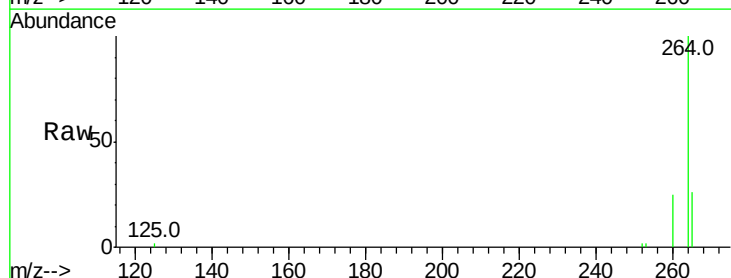
Tgt Ion:264 Resp: 19895

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 26.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

